Fig. 1

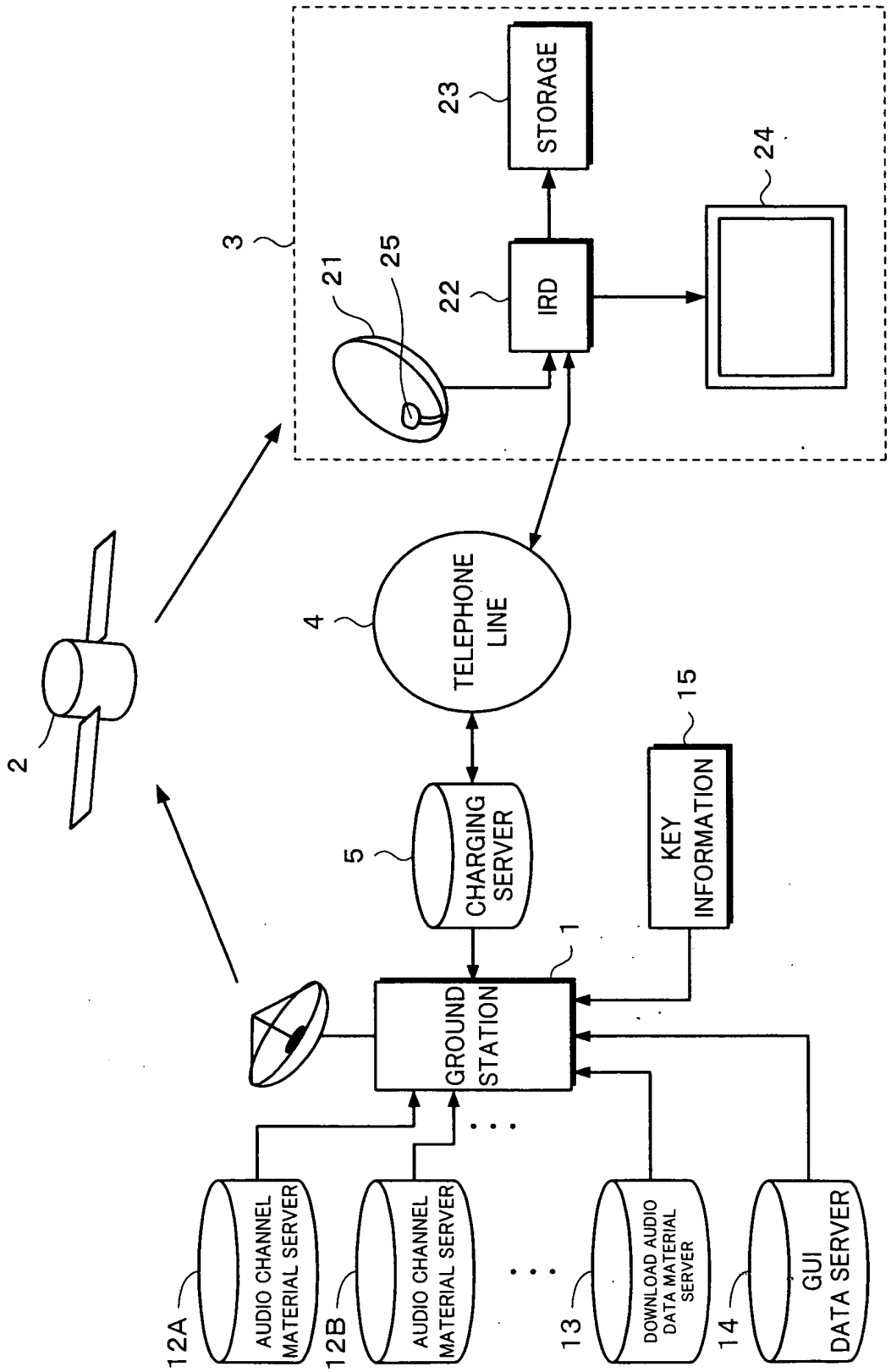


Fig. 2A

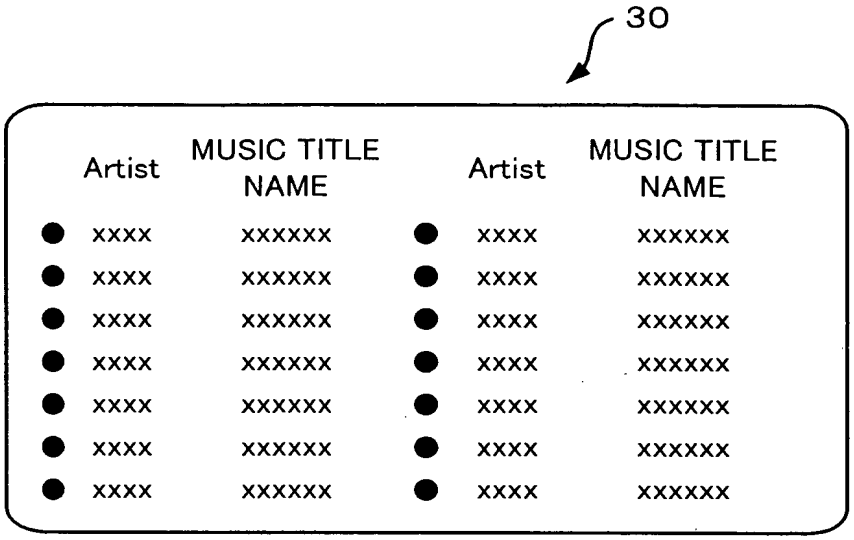


Fig. 2B

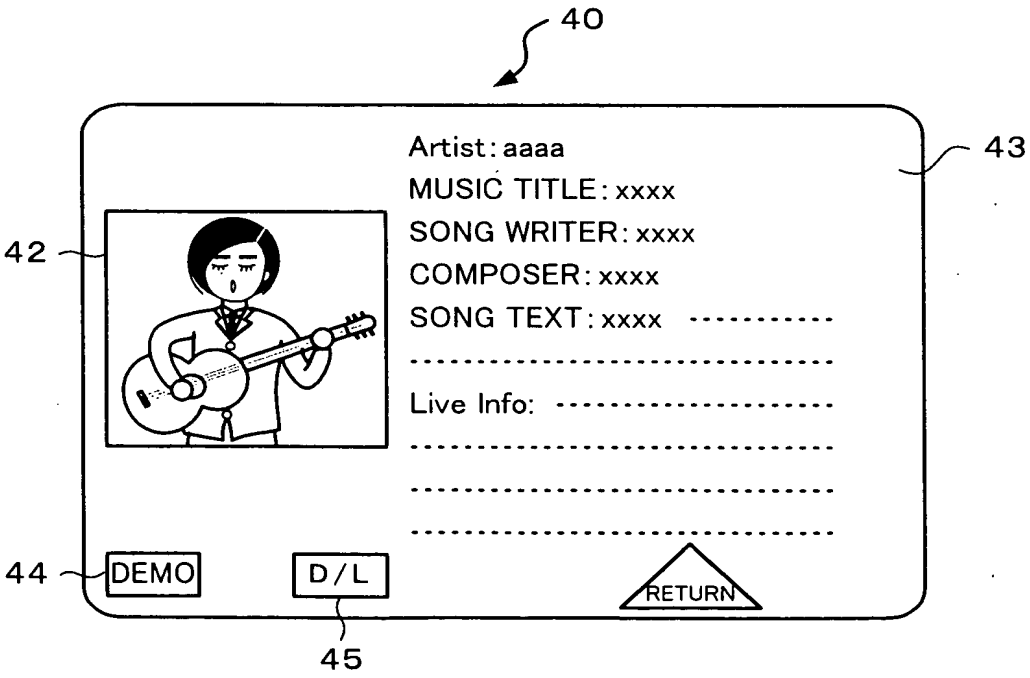


Fig. 3

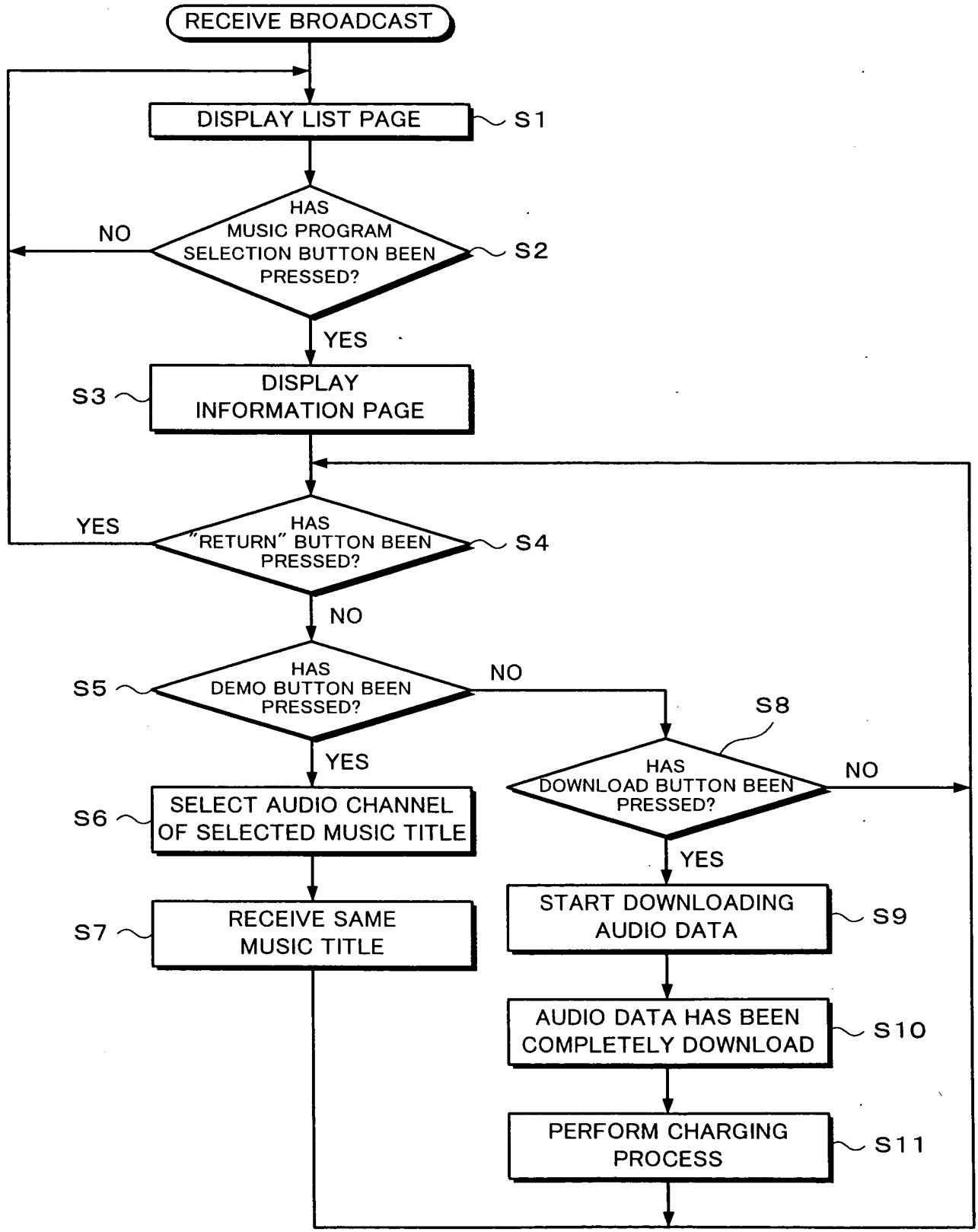


Fig. 4

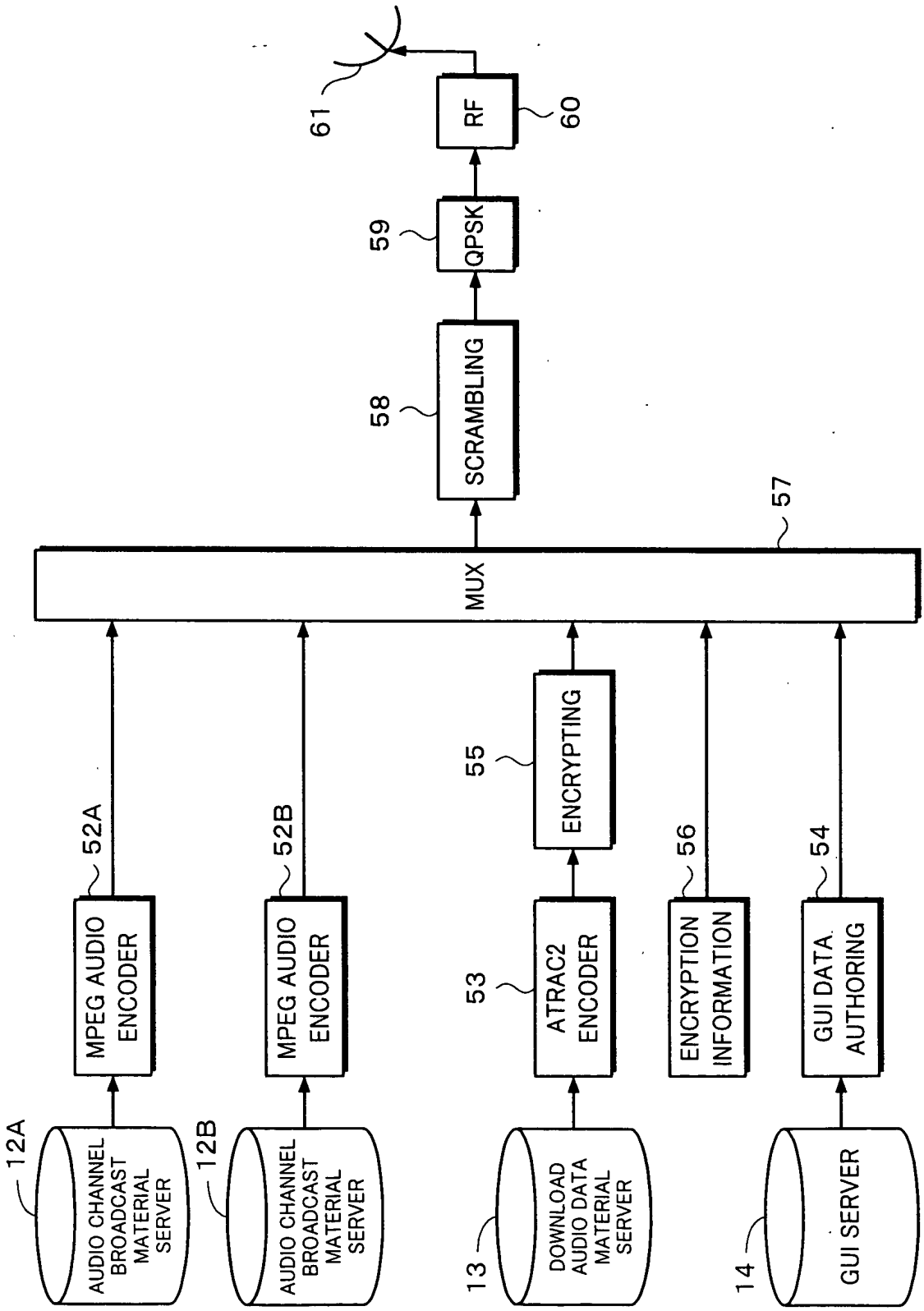


Fig. 5

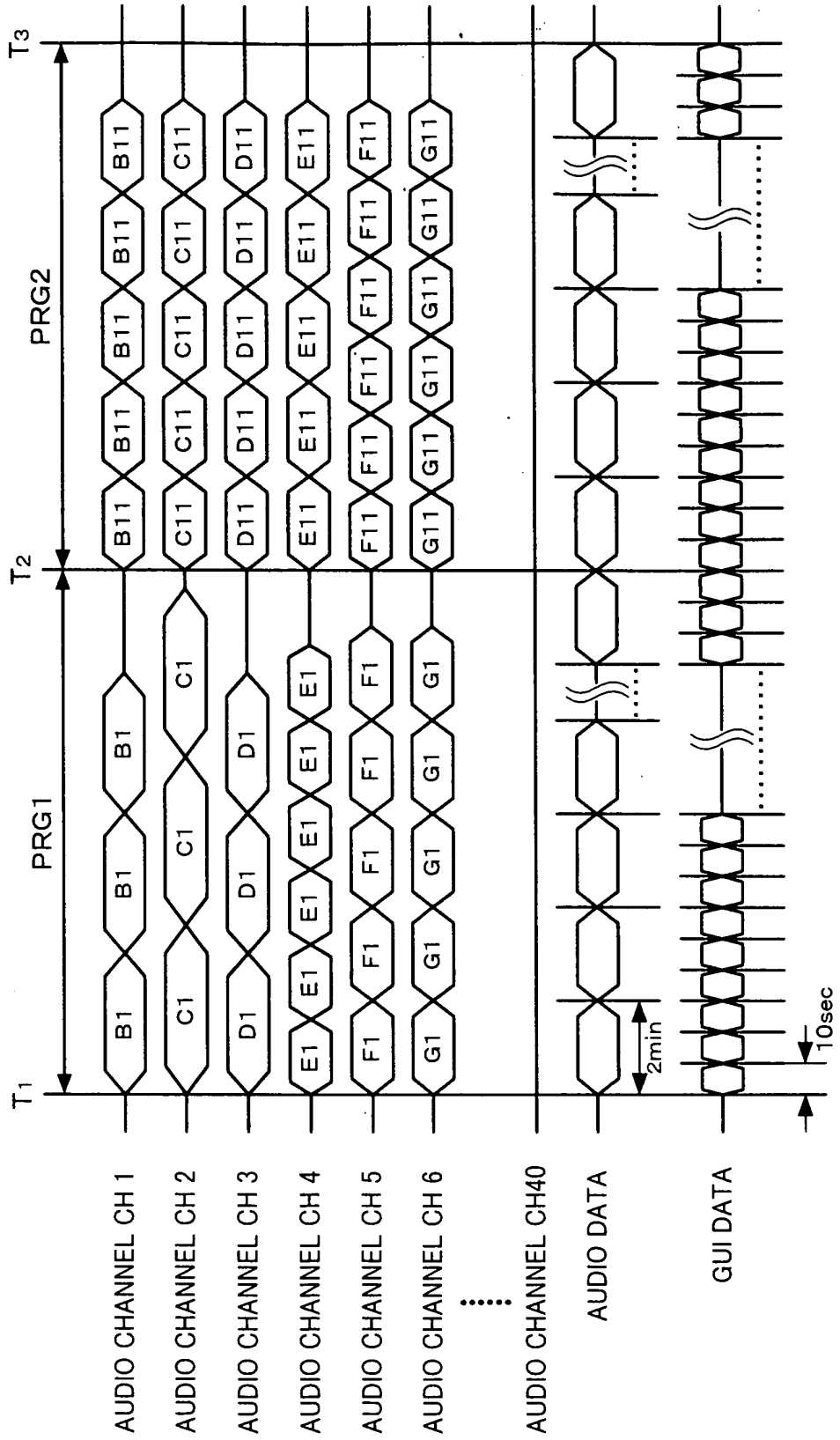


Fig. 6A

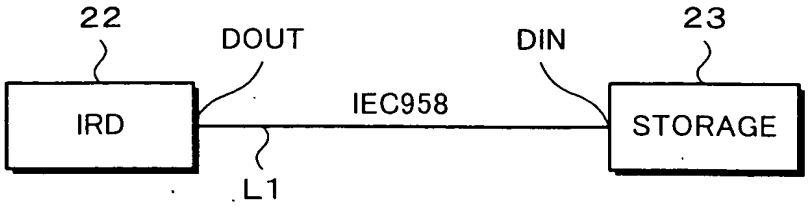


Fig. 6B

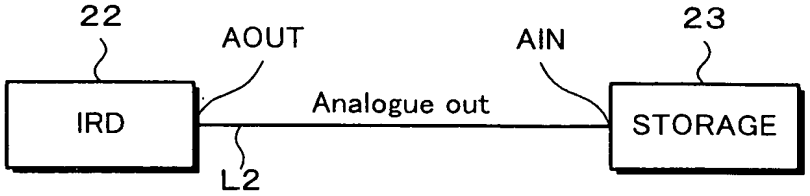


Fig. 6C

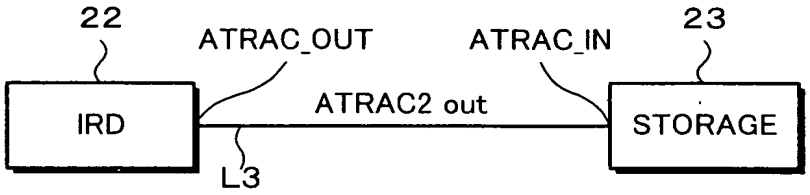


Fig. 7A

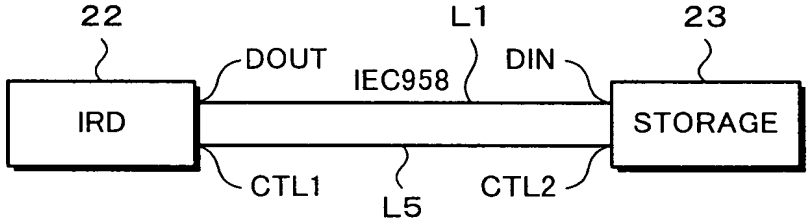


Fig. 7B

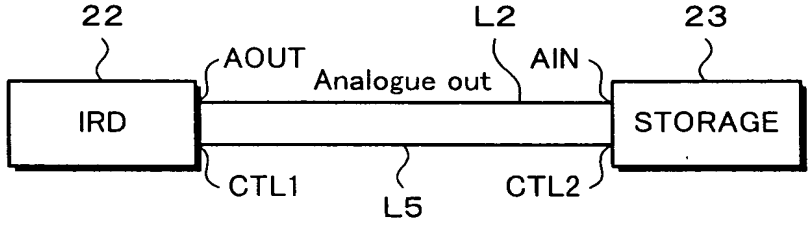


Fig. 7C

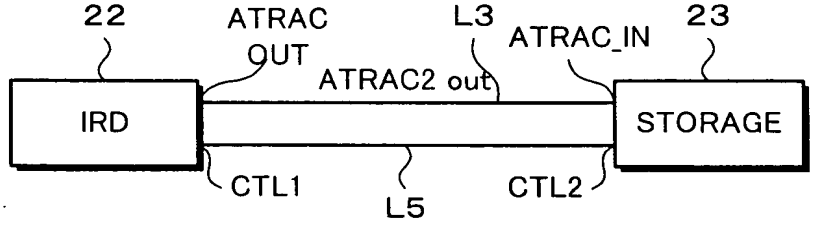


Fig. 7D

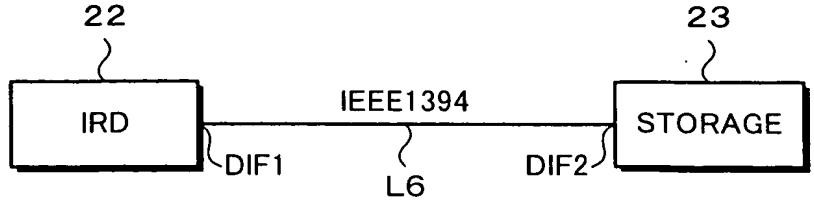


Fig. 8

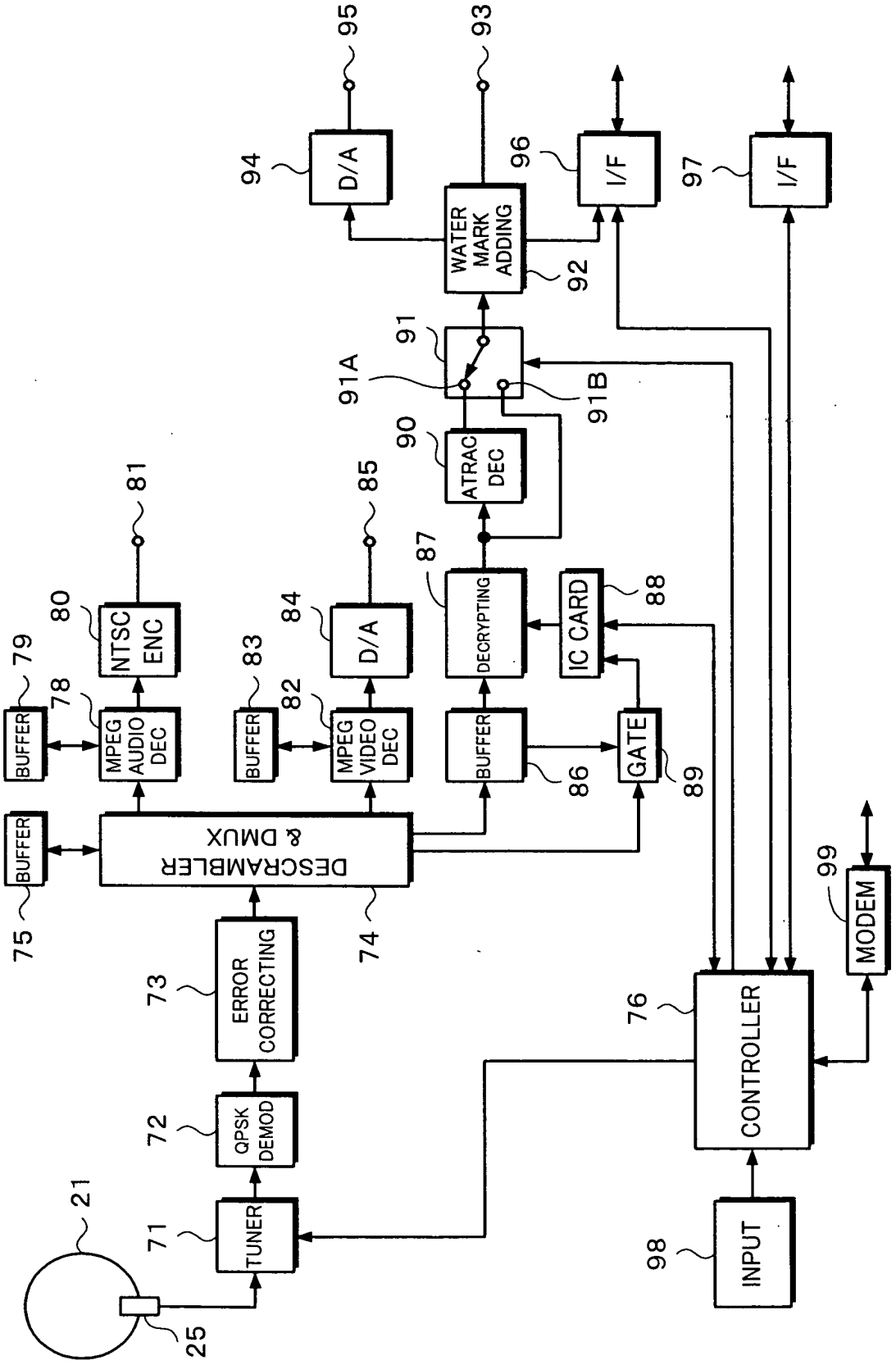


Fig. 9

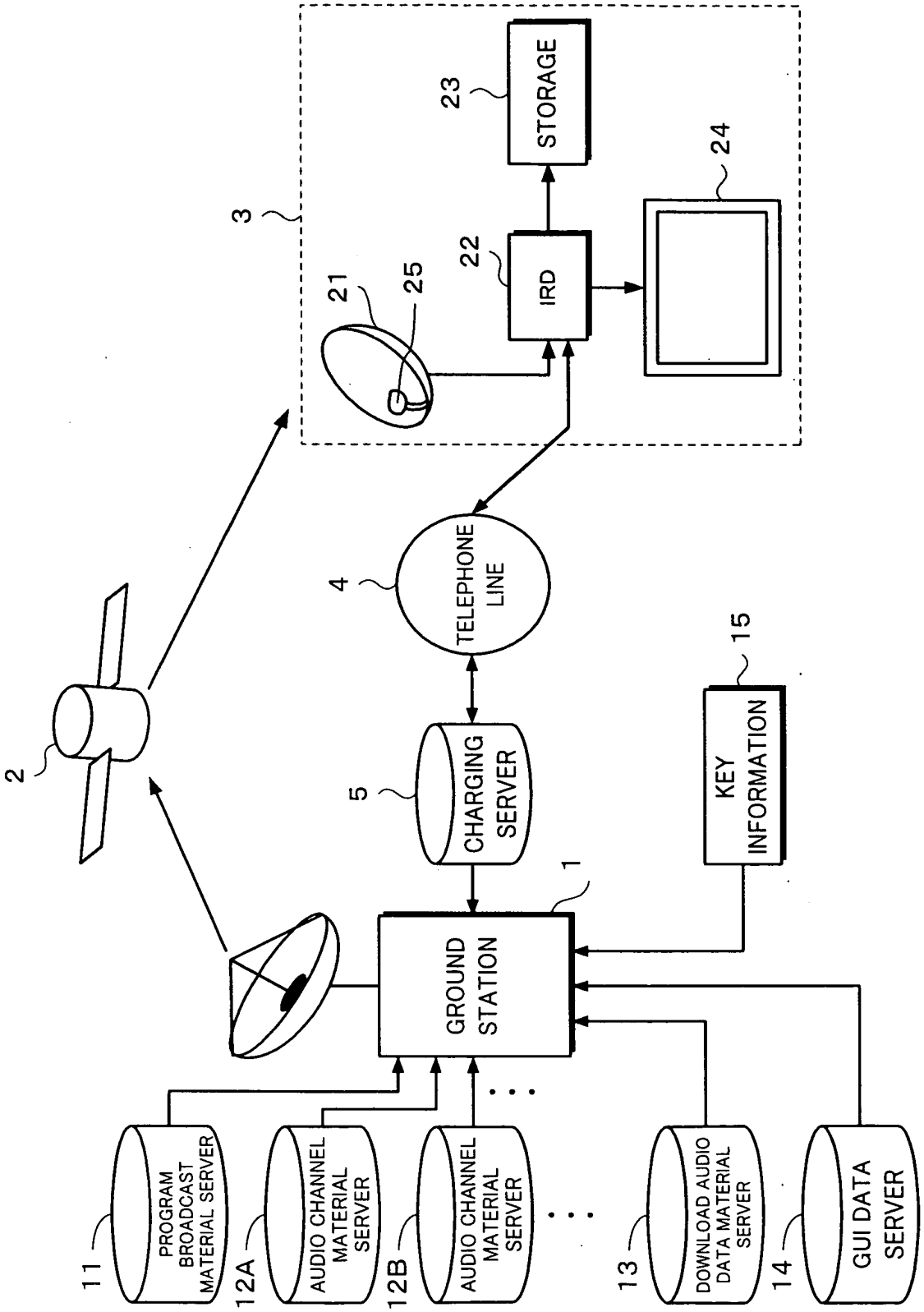


Fig. 10

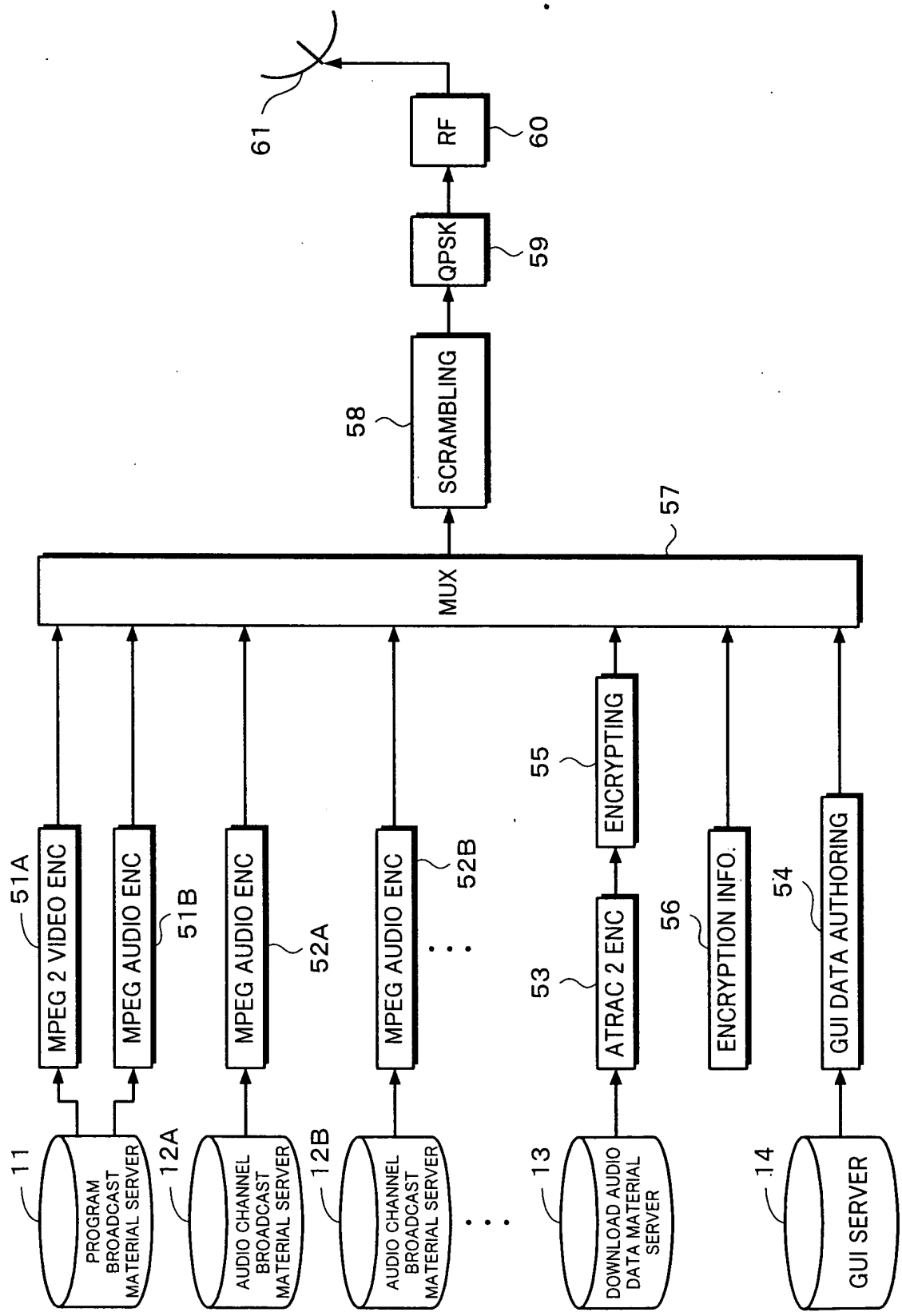
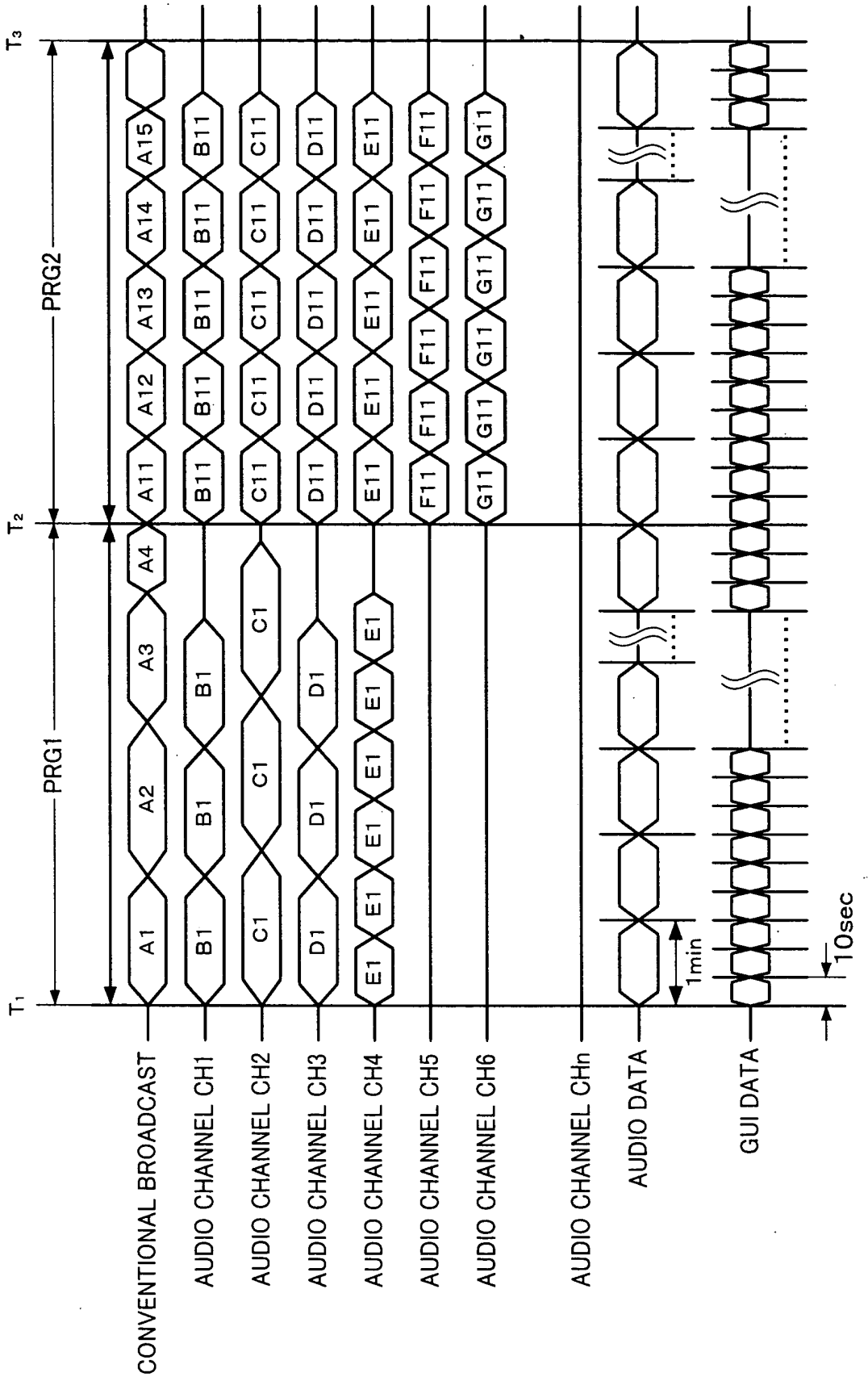


Fig. 11



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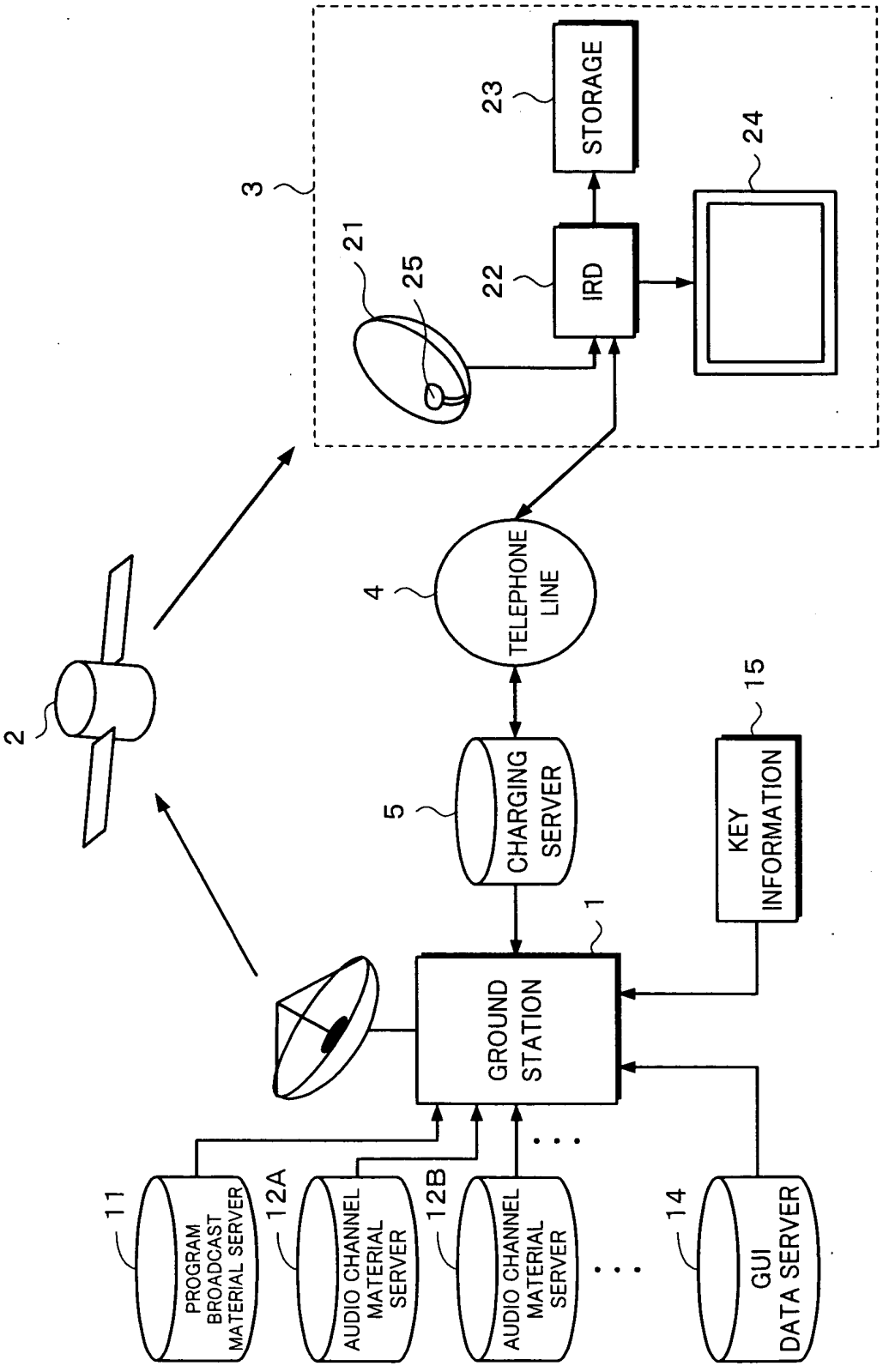


Fig. 13

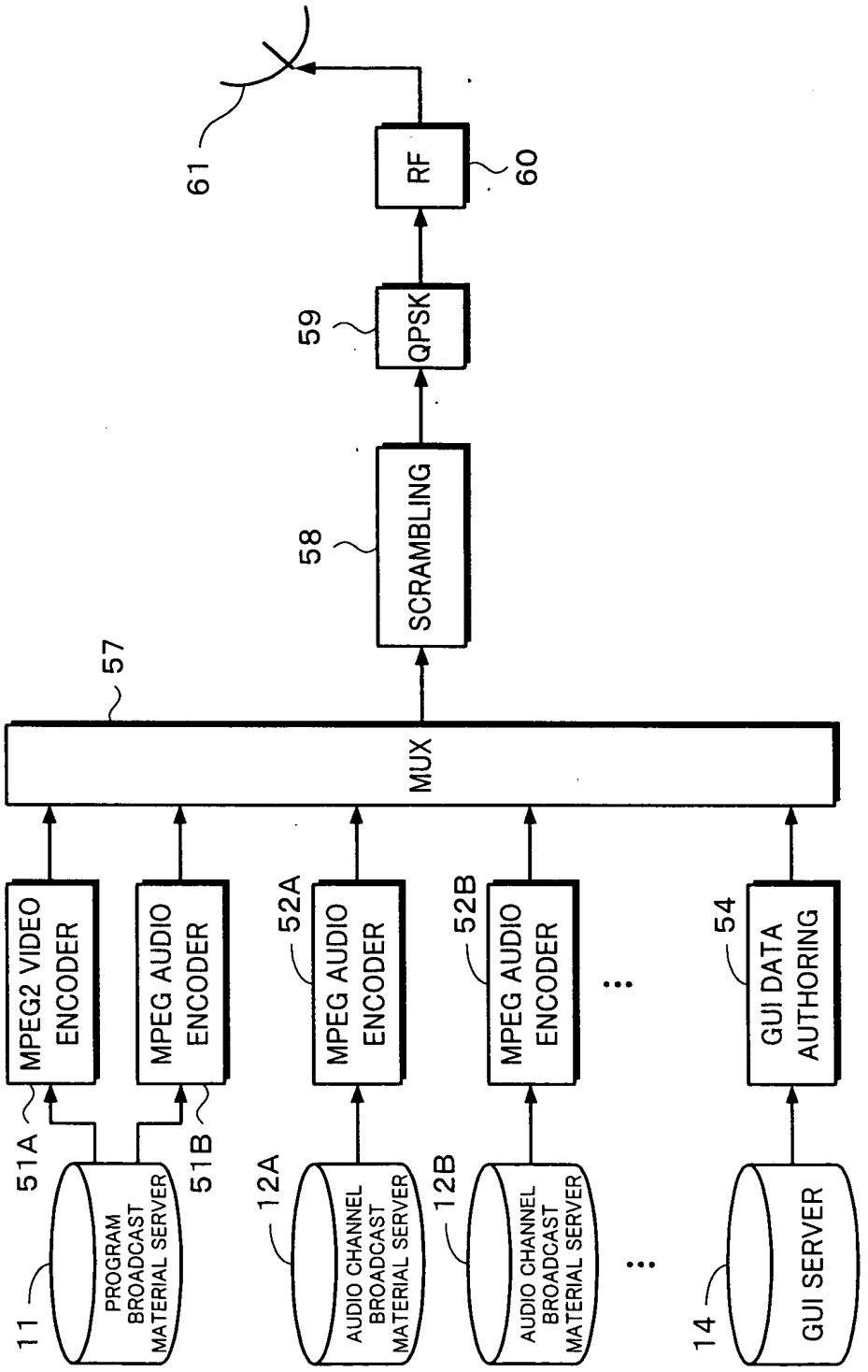


Fig. 14

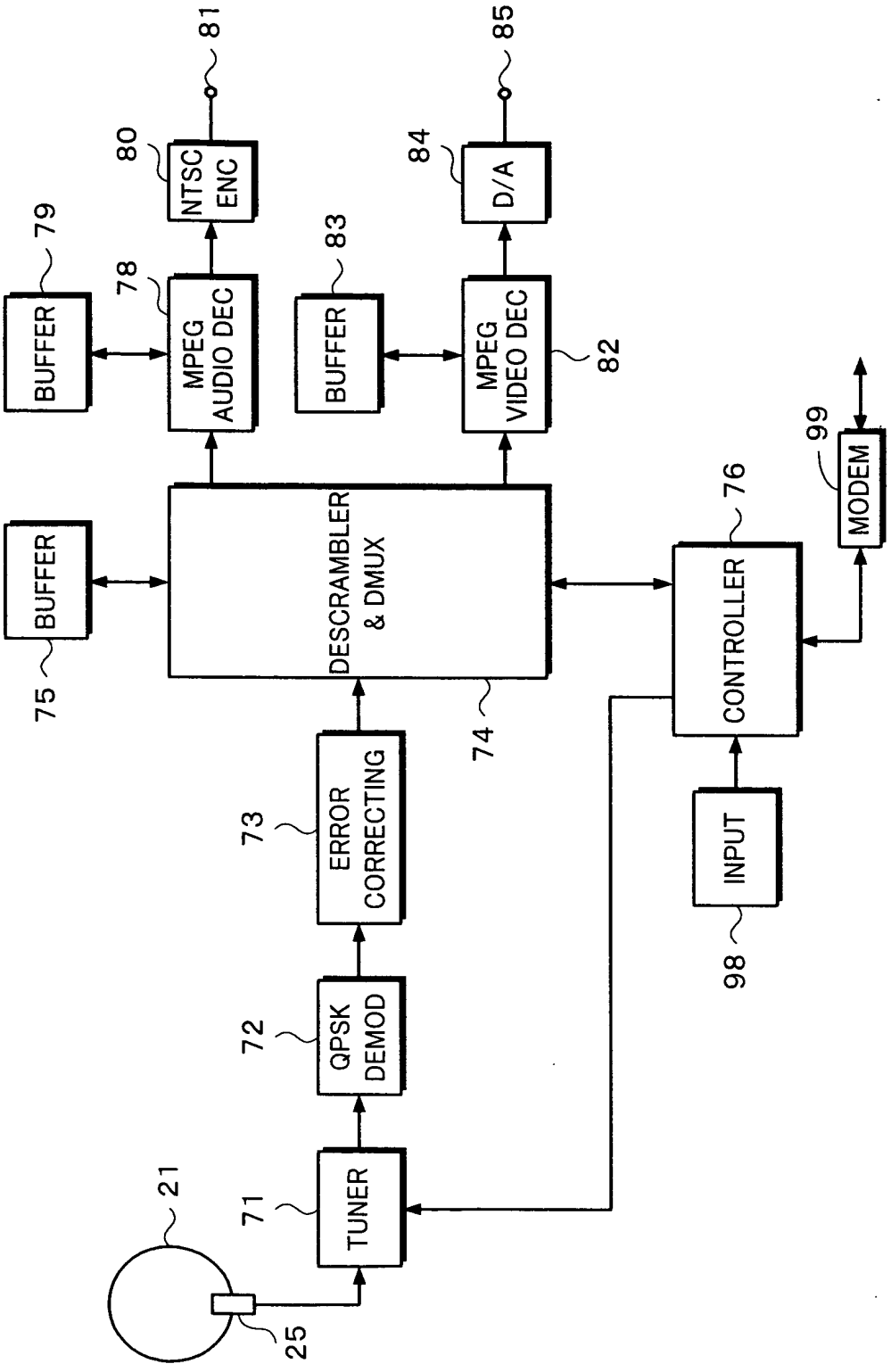


Fig. 15A

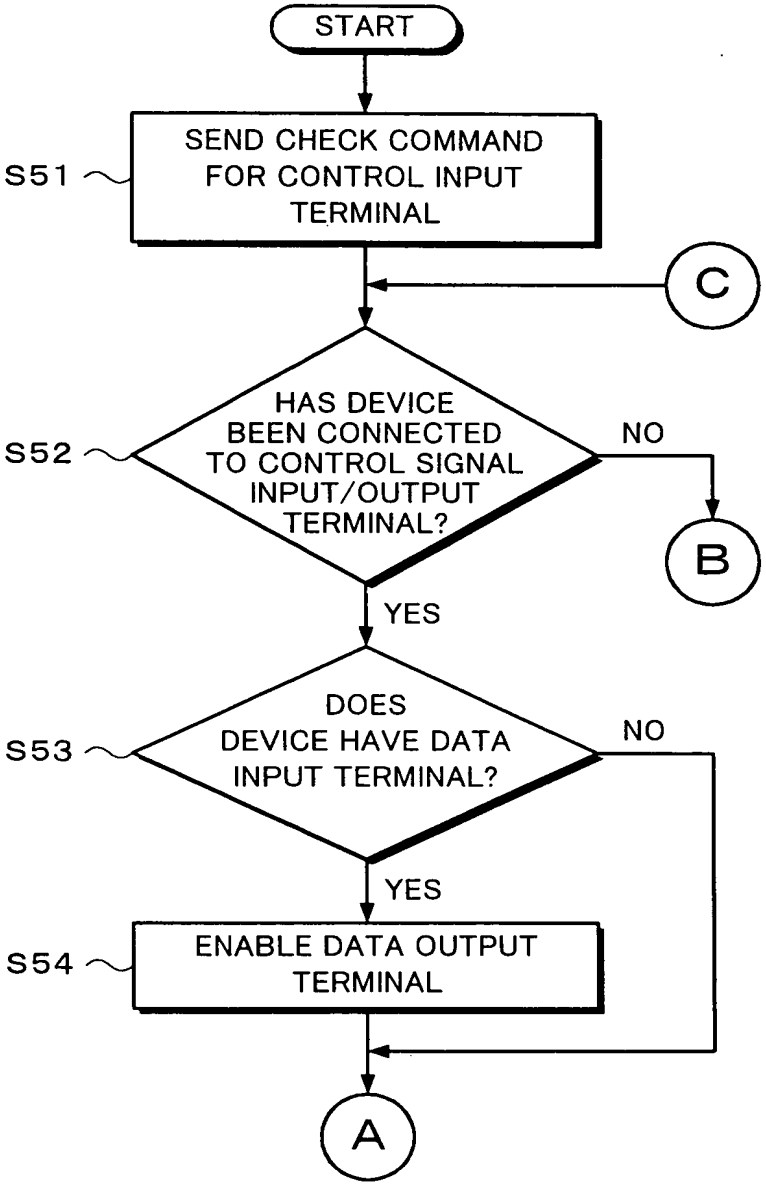


Fig. 15B

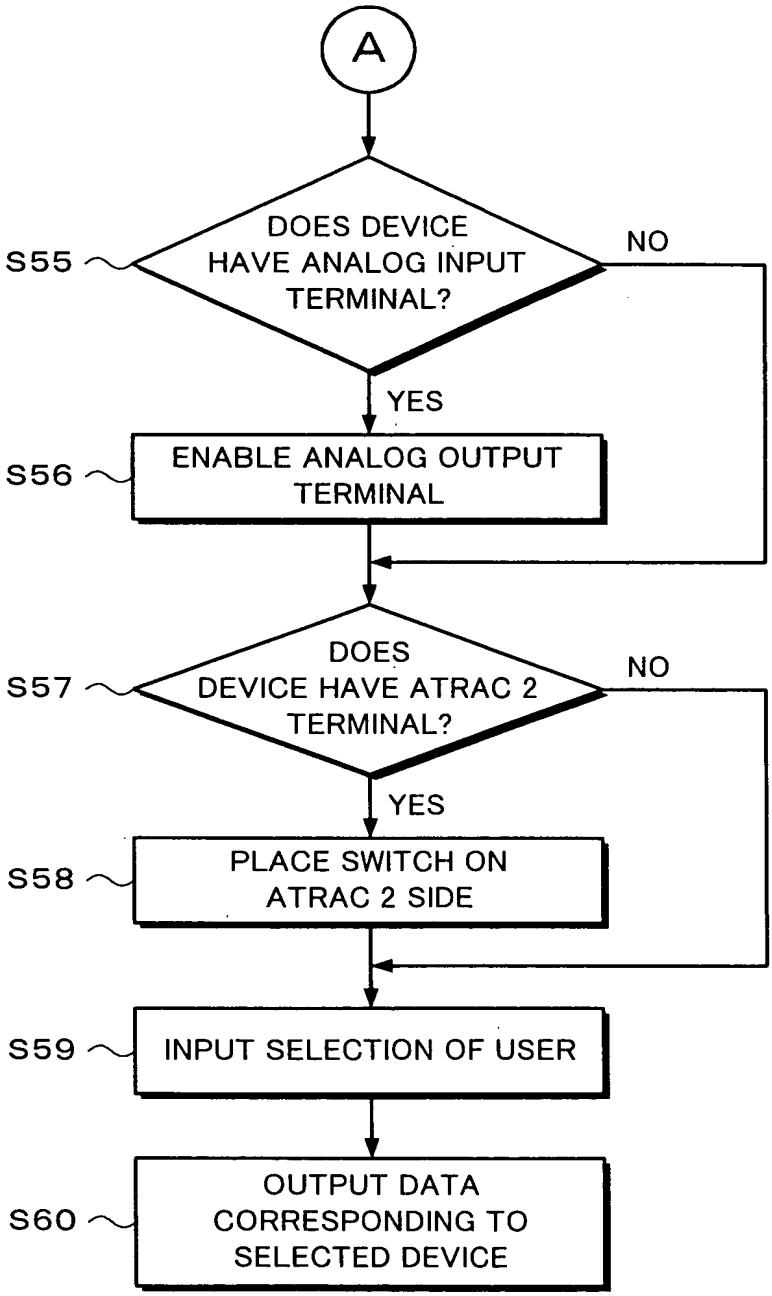


Fig. 15C

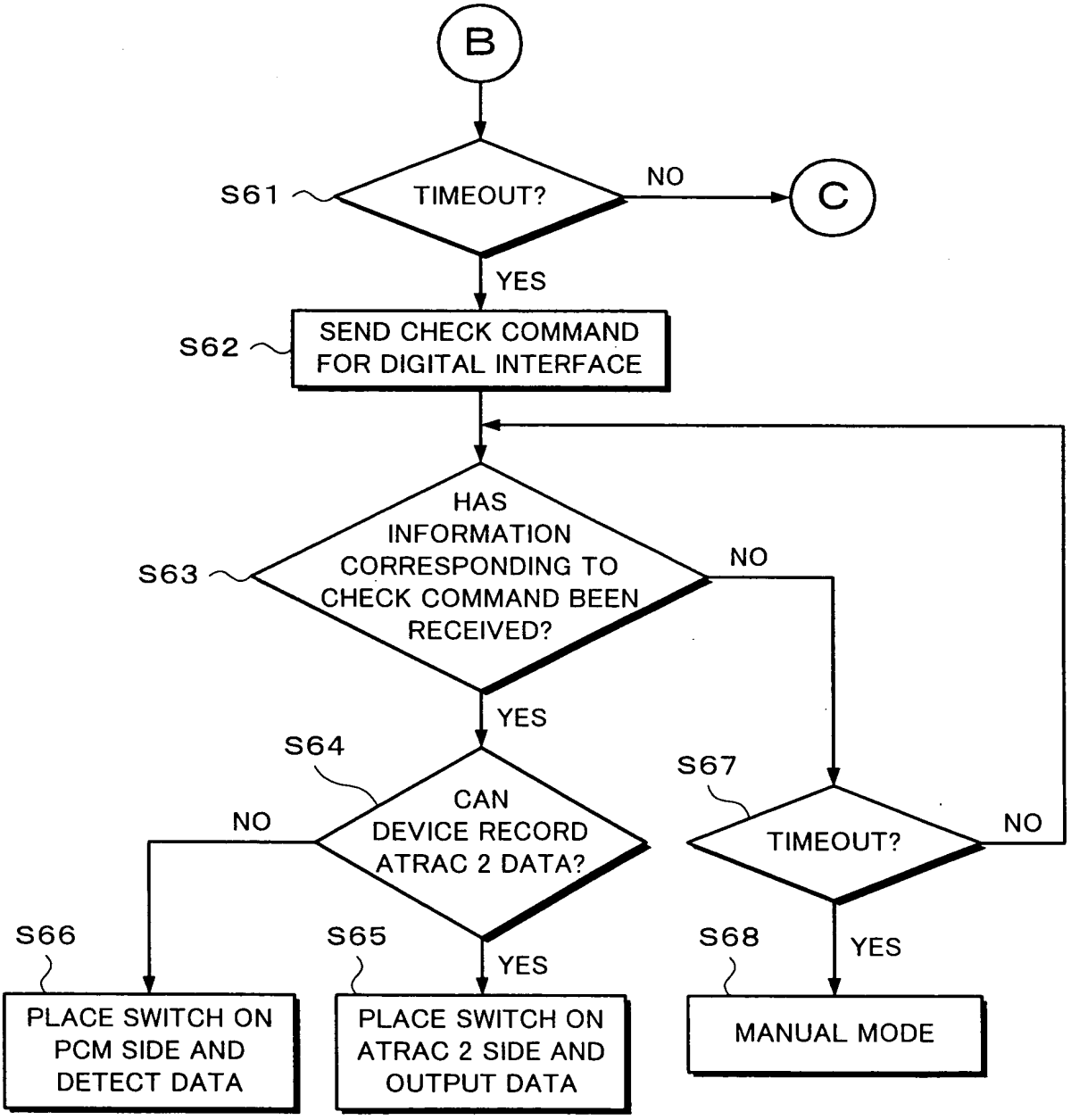
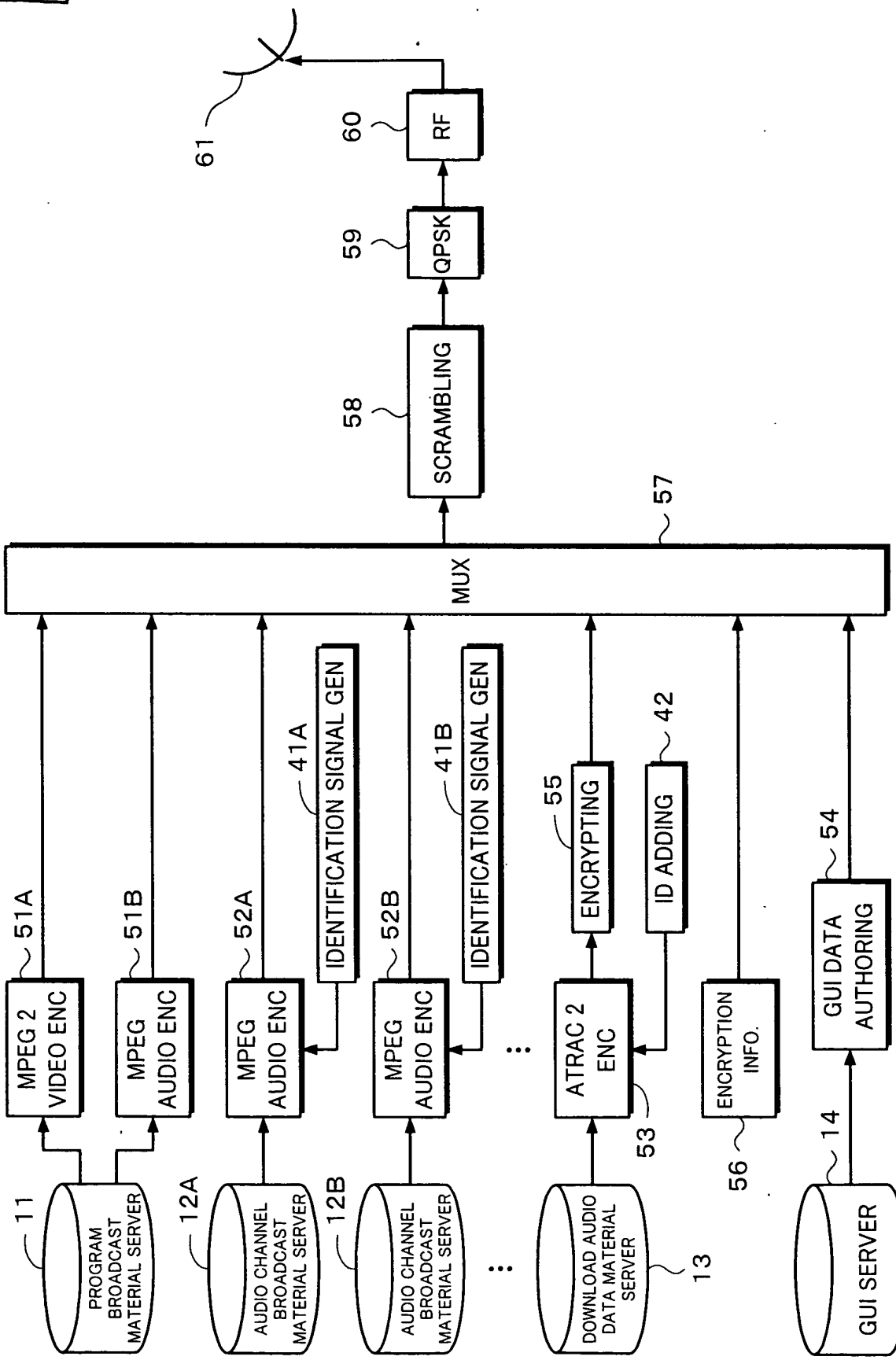


Fig. 16



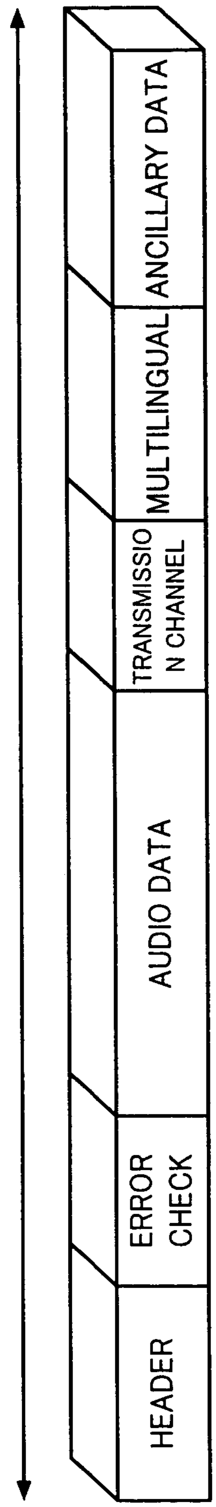
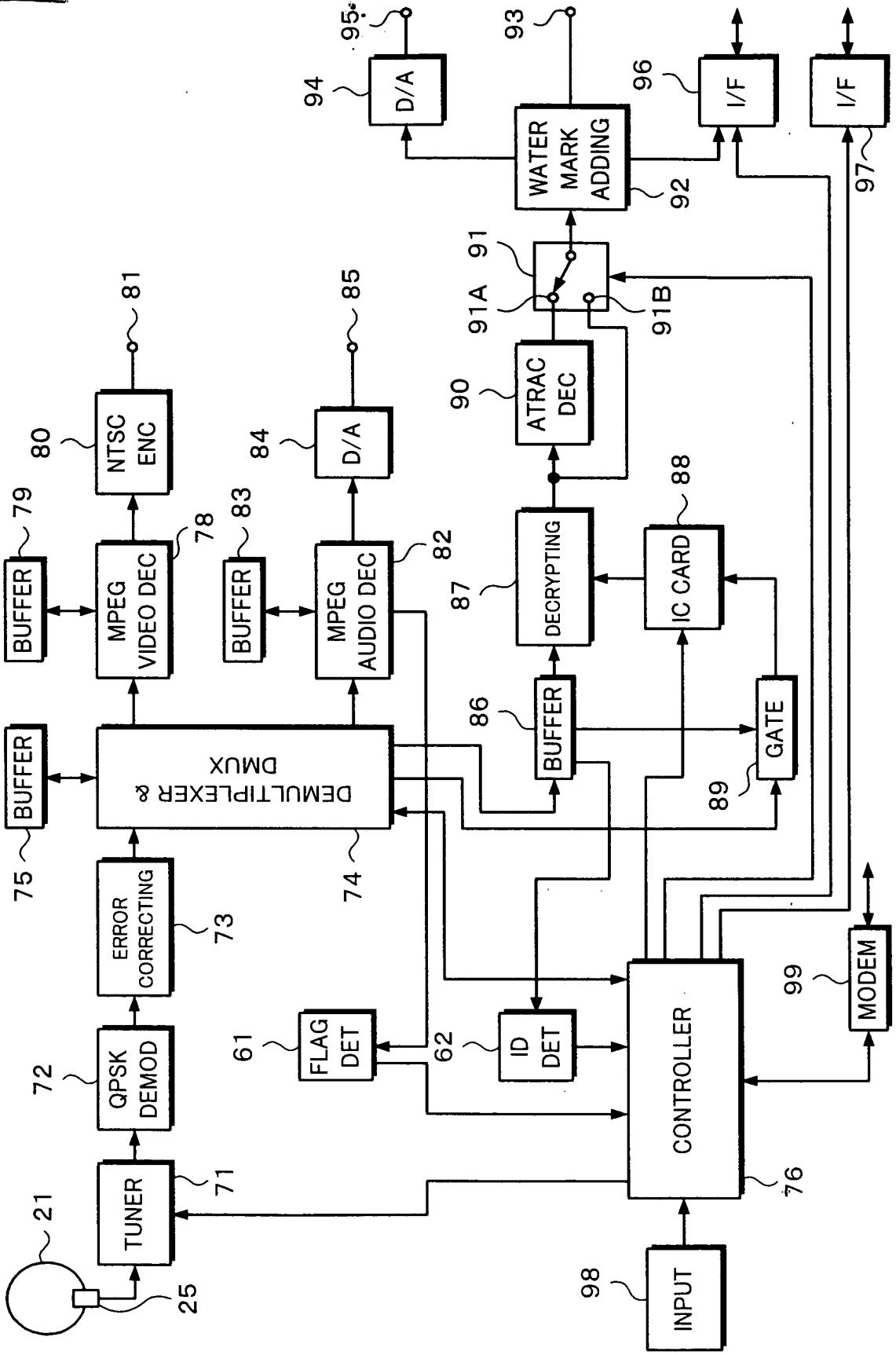


Fig. 17

Fig. 18



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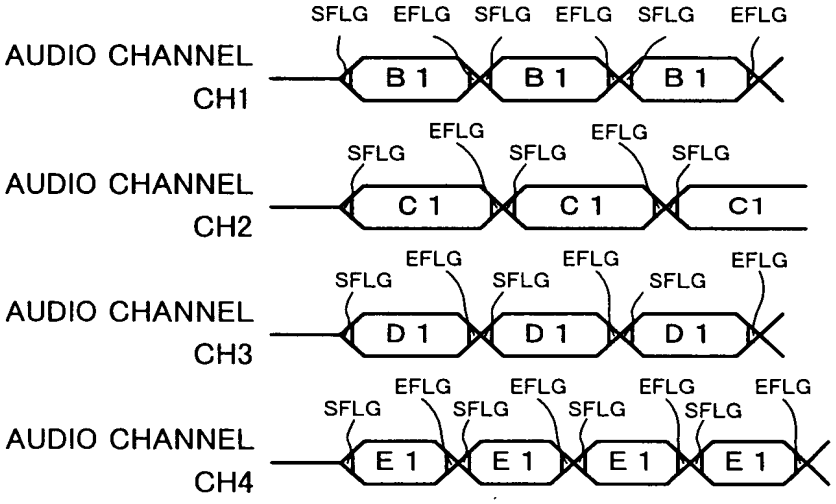


Fig. 20

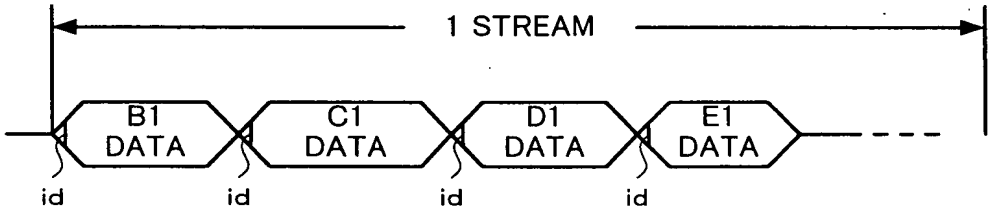
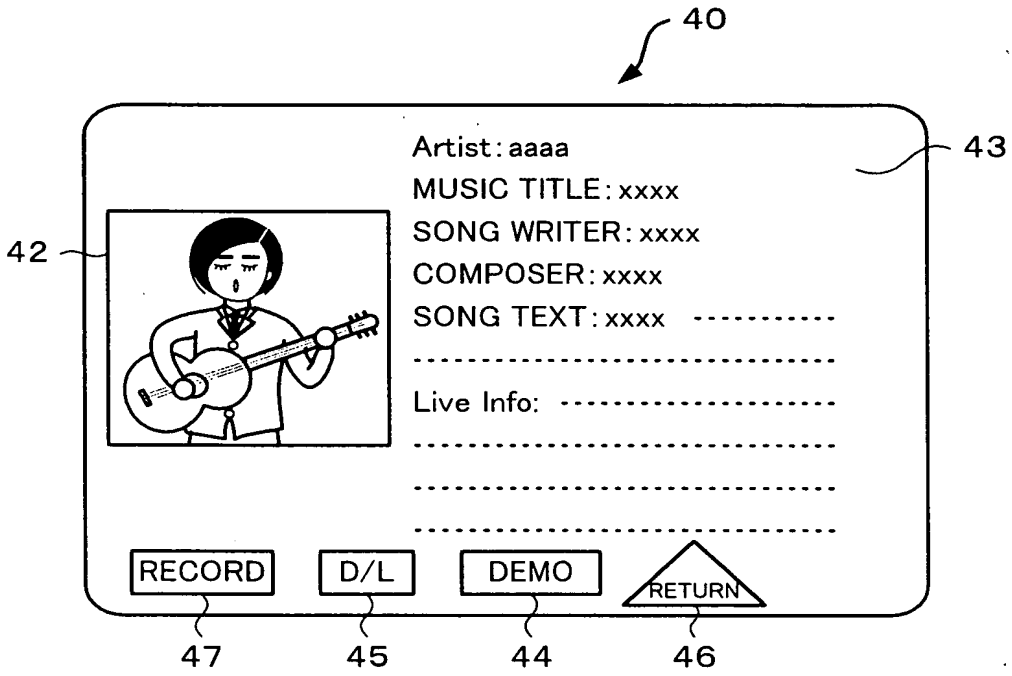


Fig. 21



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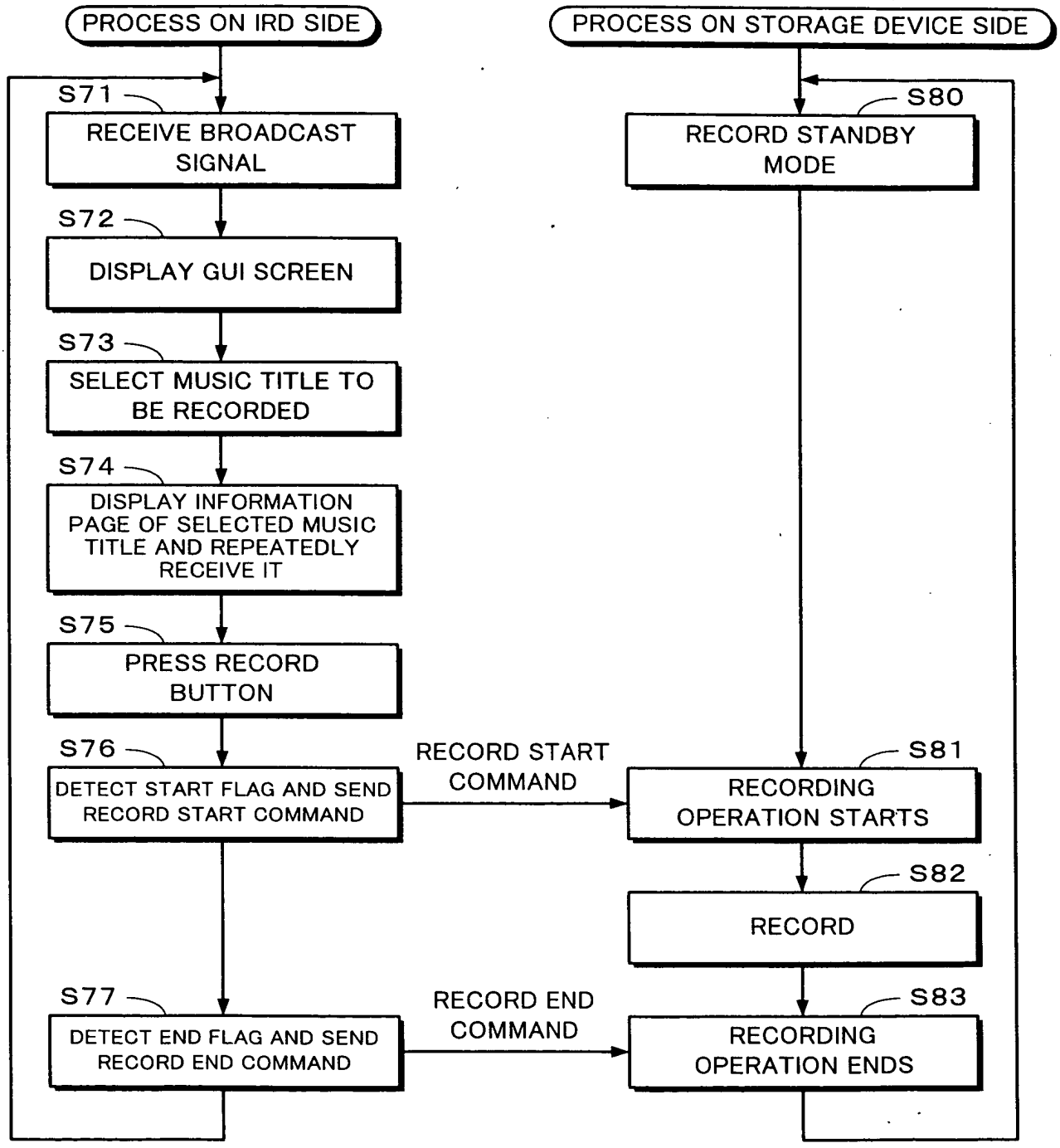

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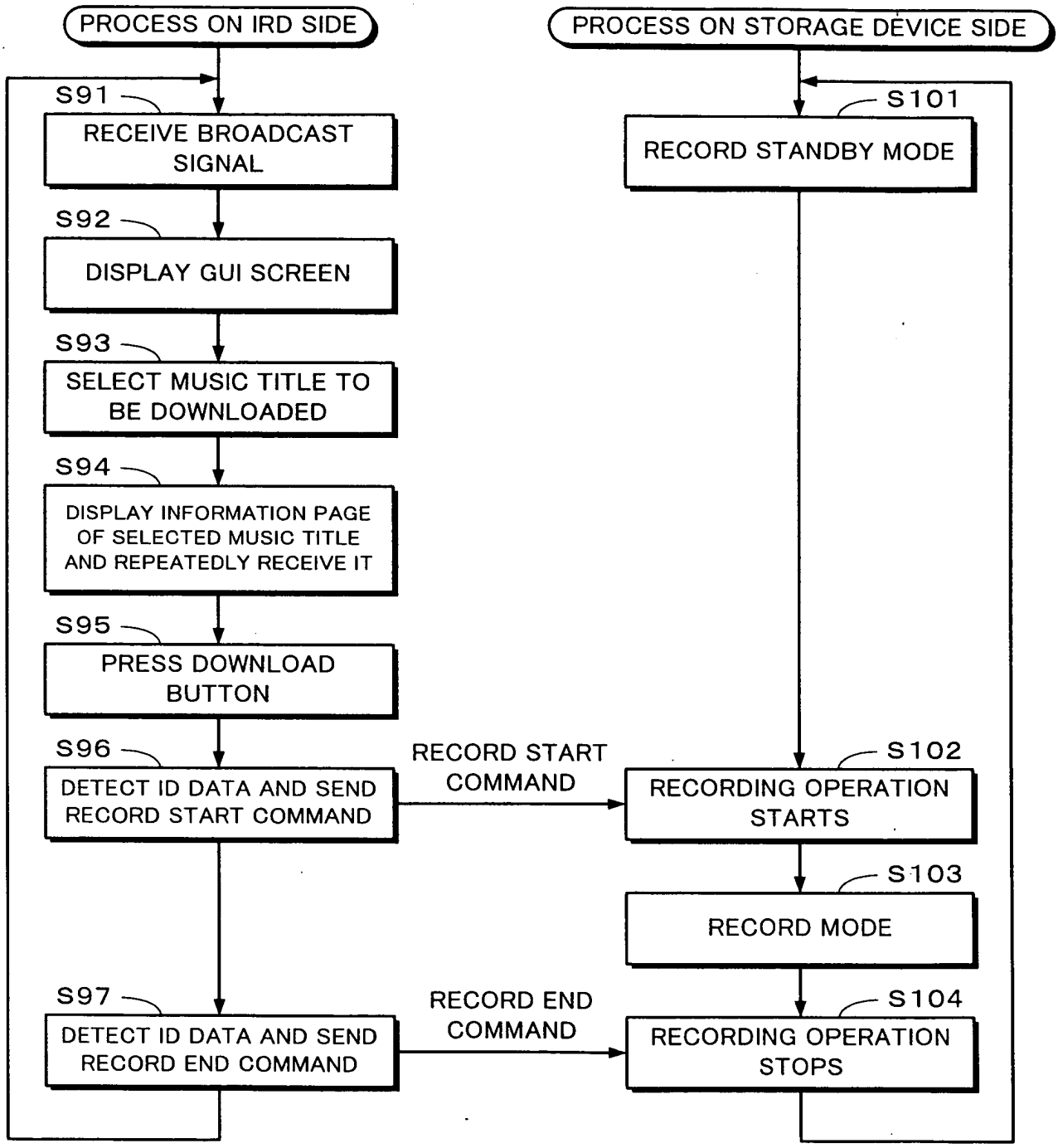


Fig. 24

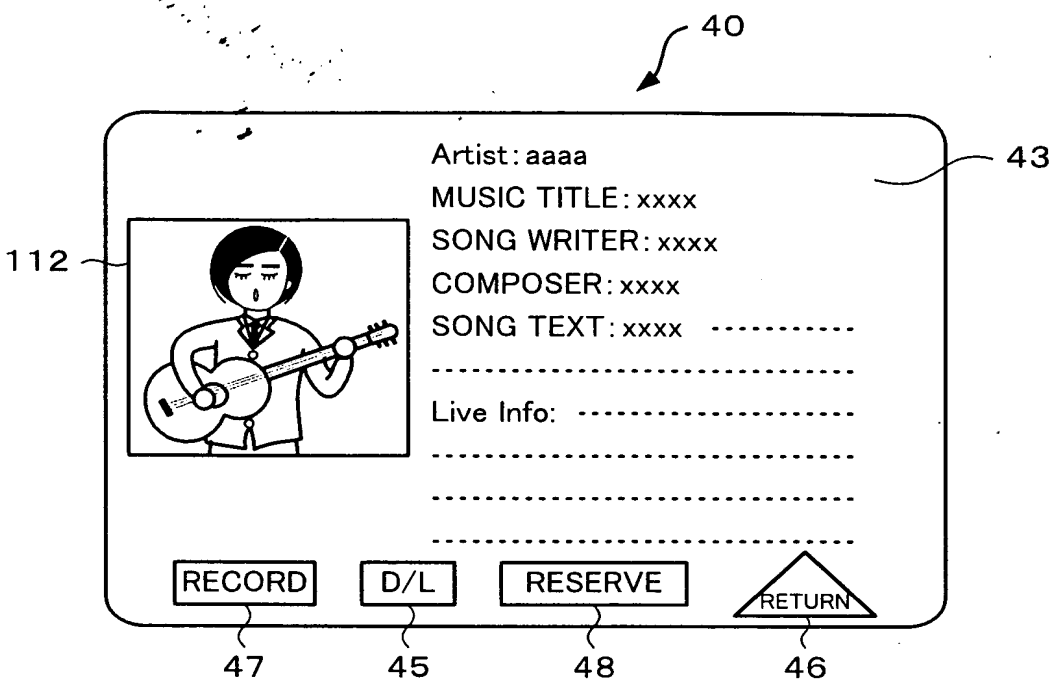
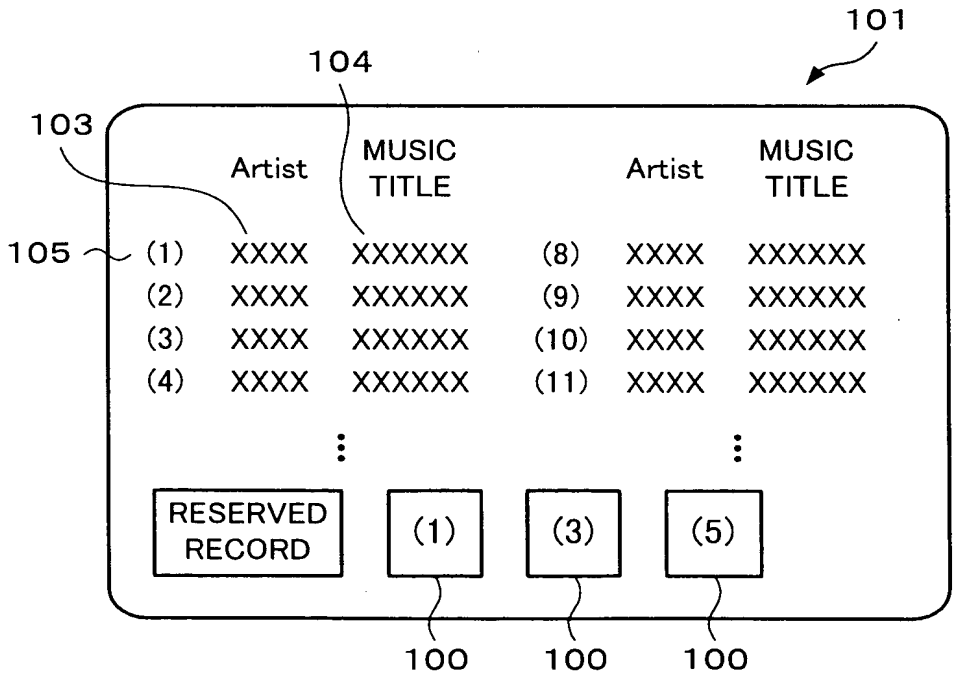


Fig. 25



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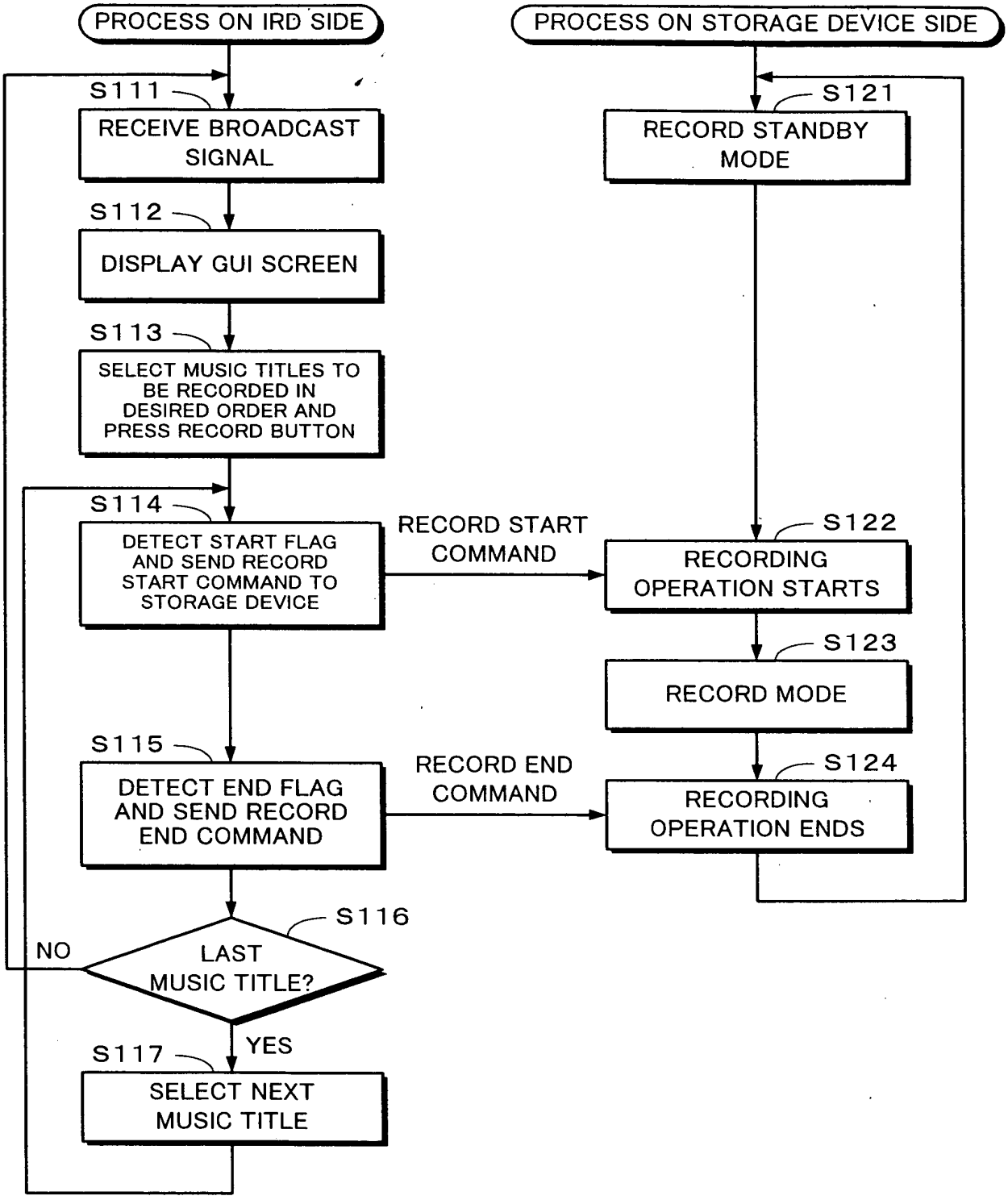

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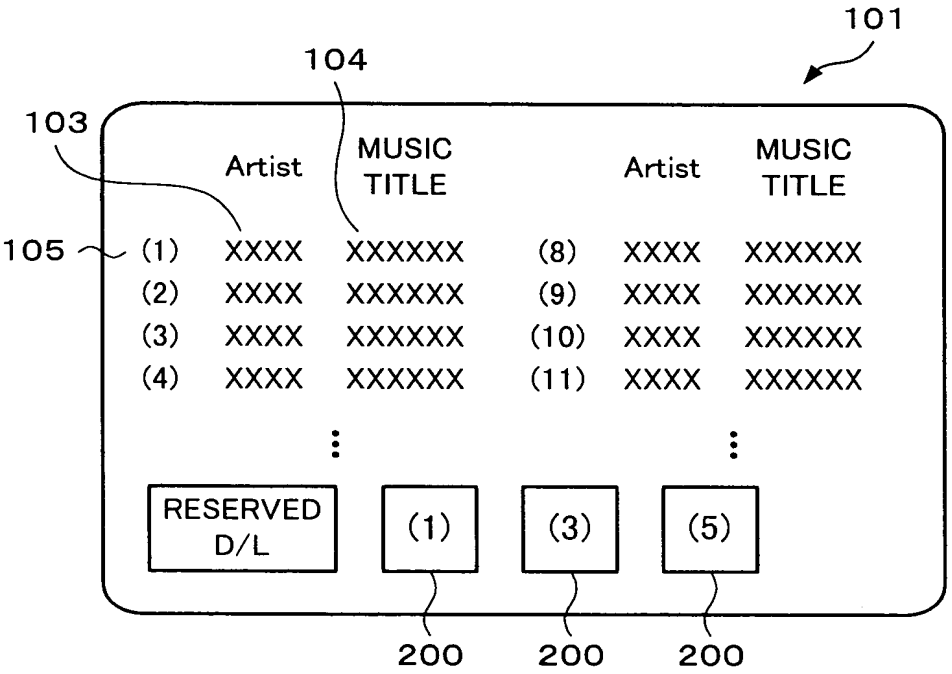
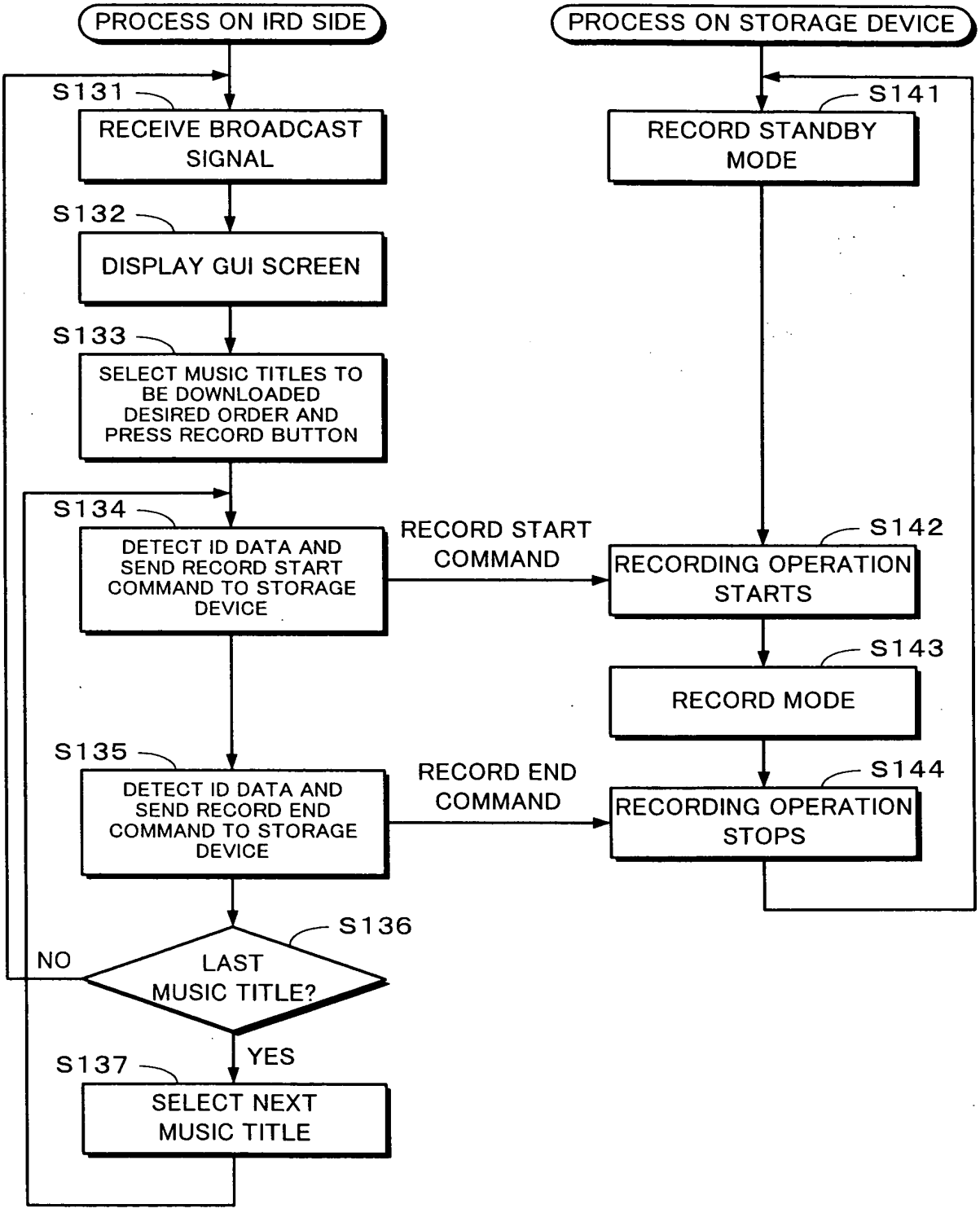


Fig. 28



1 ... GROUND STATION
2 ... SATELLITE
3 ... RECEIVING FACILITY
12A, 12B, 12C ... AUDIO CHANNEL MATERIAL PROGRAM SERVER
13 ... DOWNLOAD AUDIO DATA MATERIAL SERVER
14... GUI DATA SERVER
22 ... IRD
23 ... STORAGE DEVICE